

The Trail Inventory of Detroit Lakes WMD

Detroit Lakes, MN



Prepared By:
Federal Highway Administration
Central Federal Lands Highway Division
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Detroit Lakes WMD

Trail and Trail Feature Summaries

Trail Miles and Percentages by Surface Type and Condition

| Trail Surface Type | Excellent | | Others | | Total |
|--------------------|-------------|------------|-------------|------------|-------------|
| | Miles | % | Miles | % | Miles |
| Gravel | 0.10 | 100% | 0.00 | 0% | 0.10 |
| Asphalt | 0.08 | 100% | 0.00 | 0% | 0.08 |
| Boardwalk | 0.04 | 100% | 0.00 | 0% | 0.04 |
| Admin Road | 0.00 | 0% | 0.98 | 100% | 0.98 |
| Total | 0.22 | 18% | 0.98 | 82% | 1.20 |

Trail Miles and Percentages by Trail Classification and Condition

| Trail Classification | Excellent | | Others | | Total |
|----------------------|-------------|------------|-------------|------------|-------------|
| | Miles | % | Miles | % | Miles |
| TC4 | 0.10 | 9% | 0.98 | 91% | 1.08 |
| TC5 | 0.12 | 100% | 0.00 | 0% | 0.12 |
| Total | 0.22 | 18% | 0.98 | 82% | 1.20 |

*Admin Roads are included in the inventory but are not rated for condition.

Trail Features

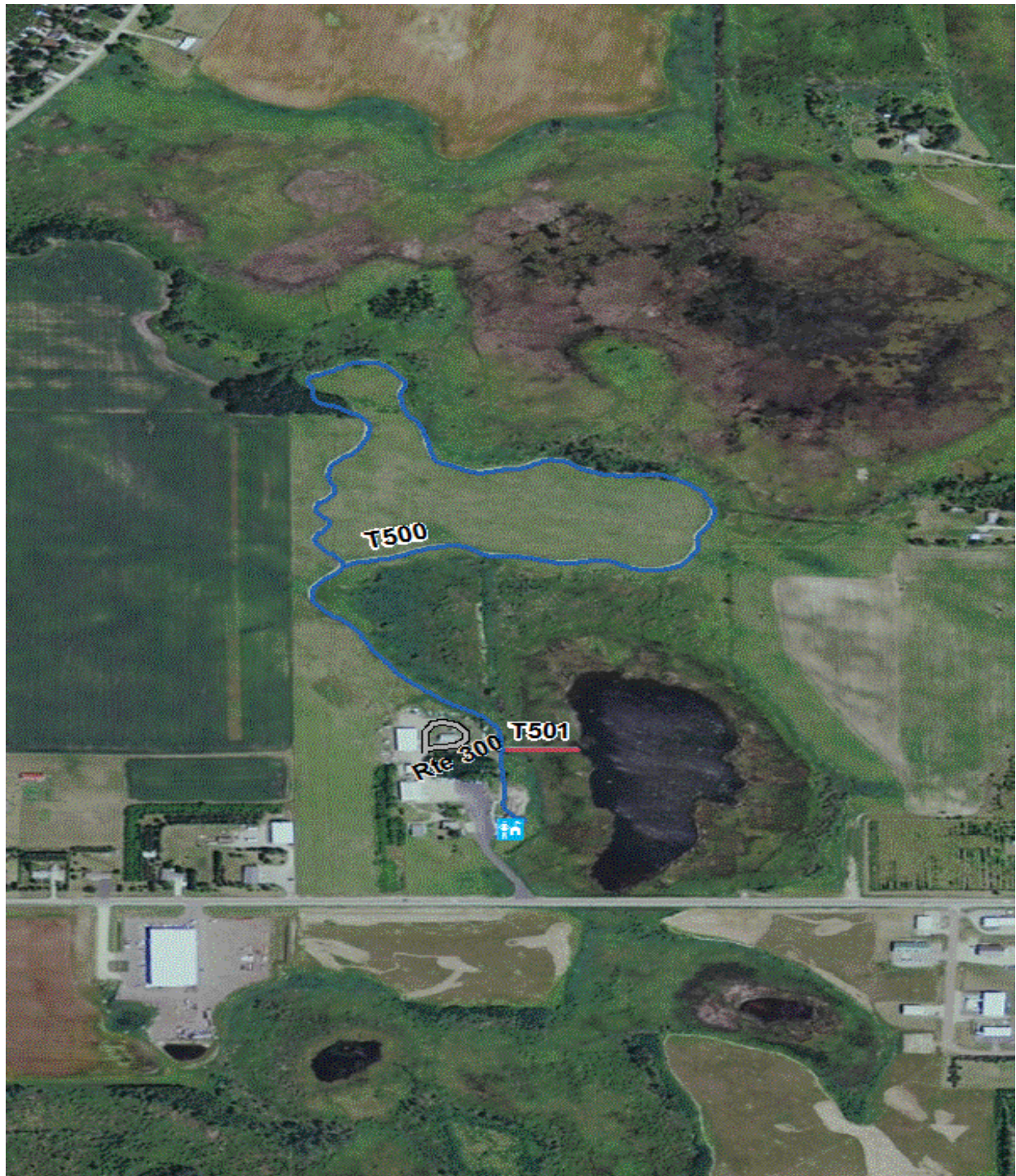
| Trail Number | Feature Type | Quantity | Grouped Feature | Milepost | Photo |
|--------------|-----------------|----------|-----------------|----------|--------------|
| T500 | Trailhead | 1 | No | 0.00 | DELA_C2_1107 |
| T500 | Sign | 1 | No | 0.00 | DELA_C2_1111 |
| T500 | Lookout/Ob Deck | 1 | No | 0.00 | |
| T500 | Bench | 2 | No | 0.00 | |
| T500 | Sign | 2 | No | 0.05 | DELA_C2_1112 |
| T500 | Begin Section | 1 | No | 0.08 | DELA_C2_1114 |
| T500 | Begin Section | 1 | No | 0.18 | DELA_C2_1115 |
| T500 | Begin Section | 1 | No | 0.41 | DELA_C2_1116 |
| T500 | Begin Section | 1 | No | 0.94 | DELA_C2_1118 |
| T500 | Bench | 1 | No | 0.95 | |
| T501 | Trailhead | 1 | No | 0.00 | DELA_C2_1113 |
| T501 | Bench | 1 | No | 0.04 | |

sf - square feet

lf - linear feet

cf - cubic feet

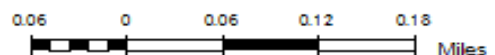
Detroit Lakes WMD Trail Location Map



Station Boundary



HQ/VC



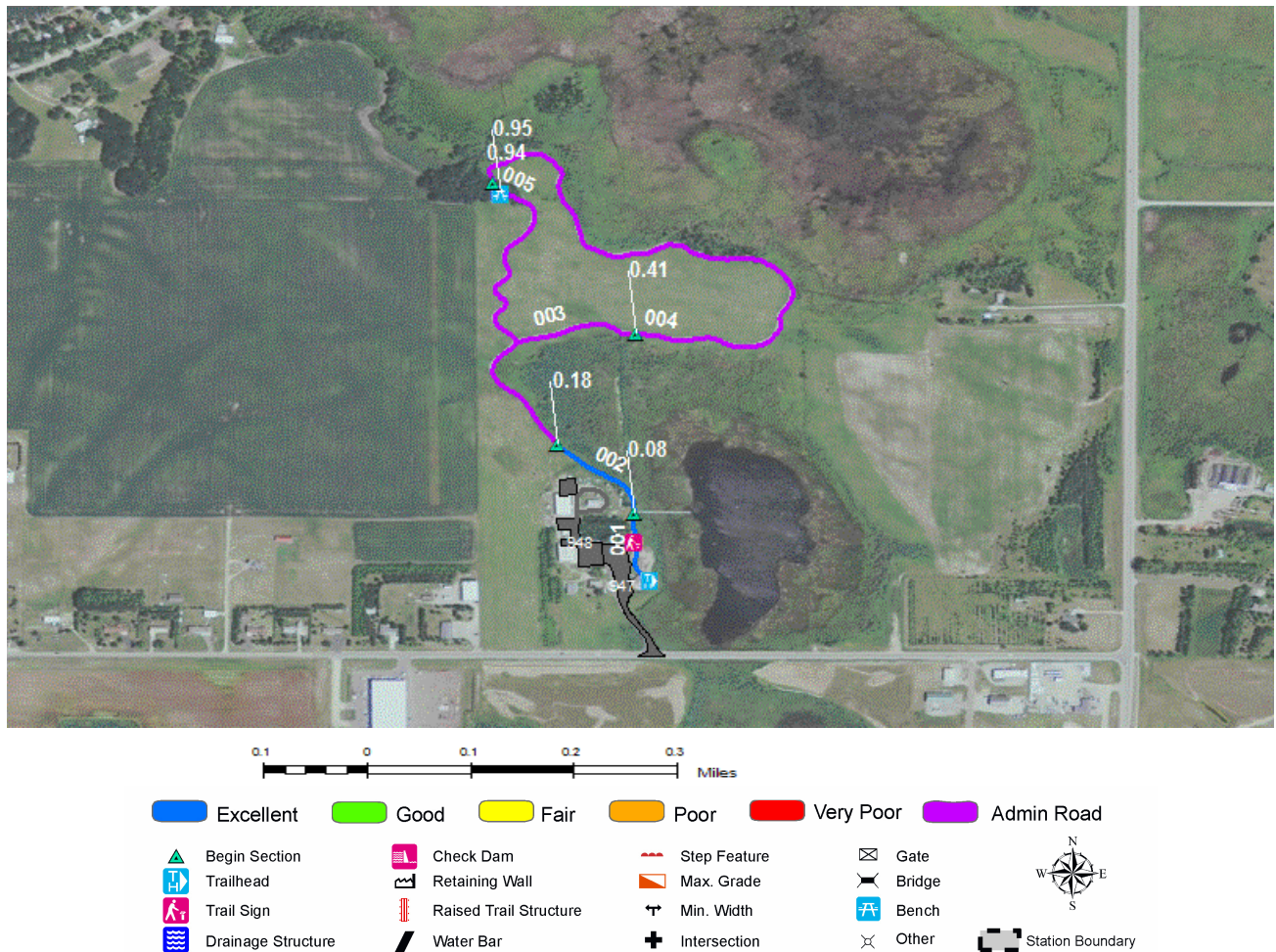
Trails ID

Station Name: Detroit Lakes WMD

Org Code: 32586

| Trail Number | Trail Name | Surface Type | SAMMS | Trail Mileage | Trail Description (Begin and End point of trail) |
|--------------|----------------------------------|--------------|----------|---------------|---|
| T500 | Prairie Marsh Interpretive Trail | Admin Road | 10058635 | 0.98 | From Headquarters Parking (Rte 947) to End of Loop |
| T500 | Prairie Marsh Interpretive Trail | Asphalt | 10058635 | 0.08 | From Headquarters Parking (Rte 947) to End of Loop |
| T500 | Prairie Marsh Interpretive Trail | Gravel | 10058635 | 0.10 | From Headquarters Parking (Rte 947) to End of Loop |
| T501 | Boardwalk Trail | Boardwalk | 10012158 | 0.04 | From Prairie Marsh Hiking Trail to End of boardwalk |

TRAIL CONDITION



Trail Name: Prairie Marsh Interpretive Trail
Trail Number: T500

Refuge Name: Detroit Lakes WMD
Region: 3

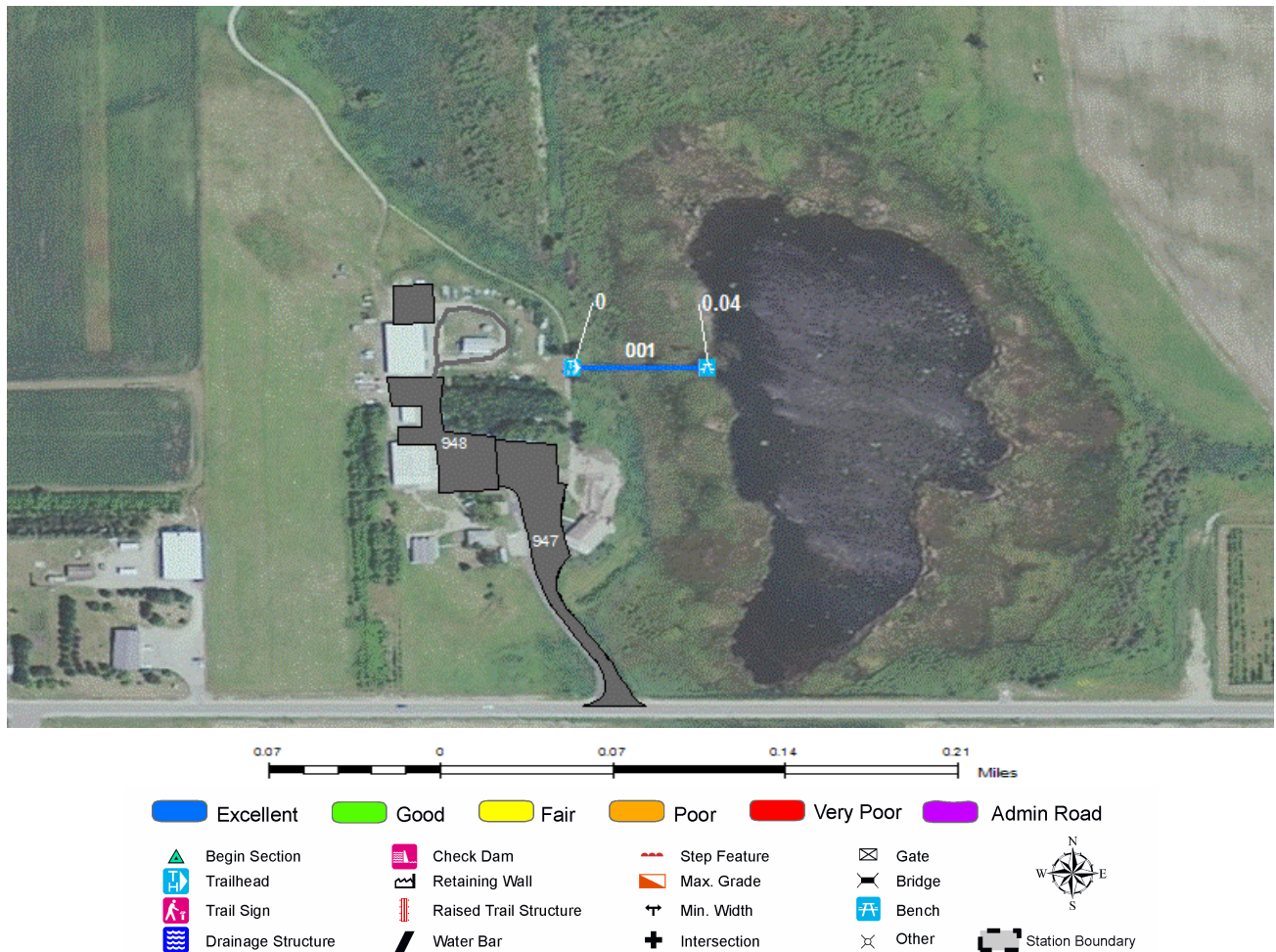
Total Length: 1.16 Miles

| Section Number | 001 | 002 | 003 | 004 | 005 |
|------------------------------------|------------|------------|------------|------------|------------|
| Section Length (miles) | 0.08 | 0.10 | 0.23 | 0.53 | 0.22 |
| SAMMS Number | 10058635 | 10058635 | 10058635 | 10058635 | 10058635 |
| Rating Date | 07/12/2006 | 07/12/2006 | 07/12/2006 | 07/12/2006 | 07/12/2006 |
| Trail Section Information | | | | | |
| Trail Class | TC5 | TC4 | TC4 | TC4 | TC4 |
| Surface Type | Asphalt | Gravel | Admin Road | Admin Road | Admin Road |
| Surface Firmness | Paved | Hard | Firm | Firm | Hard |
| Width (inches) | 95 | 102 | 120 | 120 | 120 |
| Average Grade (%) | 2.2 | 2.2 | 2.2 | 2.2 | 2.2 |
| Average X-slope (%) | 4.10 | 4.10 | 4.10 | 4.10 | 4.10 |
| Trail Condition Information | | | | | |
| Deferred Maintenance | | | | | |
| CRV | \$23,713 | \$24,817 | | | |
| FCI | 0.00 | 0.00 | | | |
| Condition | Excellent | Excellent | | | |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|----------|------|-----------|
| | \$48,530 | 0.00 | Excellent |

TRAIL CONDITION



Trail Name: Boardwalk Trail
Trail Number: T501

Refuge Name: Detroit Lakes WMD
Region: 3

Total Length: 0.04 Miles

| | |
|------------------------------------|------------|
| Section Number | 001 |
| Section Length (miles) | 0.04 |
| SAMMS Number | 10012158 |
| Rating Date | 07/12/2006 |
| Trail Section Information | |
| Trail Class | TC5 |
| Surface Type | Boardwalk |
| Surface Firmness | Hard |
| Width (inches) | 96 |
| Average Grade (%) | 2.3 |
| Average X-slope (%) | 3.70 |
| Trail Condition Information | |
| Deferred Maintenance | |
| CRV | \$46,314 |
| FCI | 0.00 |
| Condition | Excellent |

Trail Condition TOTALS

| Deferred Maintenance | CRV | FCI | Condition |
|----------------------|----------|------|-----------|
| | \$46,314 | 0.00 | Excellent |

TRAIL DEFICIENCY

No Deficiencies

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Detroit Lakes WMD
DATE: 07/12/2006



Photo # DELA_C2_1107 - MP 0.00 - Trailhead

TRAIL NUMBER: T500
STATION: Detroit Lakes WMD
DATE: 07/12/2006



Photo # DELA_C2_1111 - MP 0.00 - Sign

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Detroit Lakes WMD
DATE: 07/12/2006



Photo # DELA_C2_1112 - MP 0.05 - Sign

TRAIL NUMBER: T500
STATION: Detroit Lakes WMD
DATE: 07/12/2006



Photo # DELA_C2_1114 - MP 0.08 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Detroit Lakes WMD
DATE: 07/12/2006



Photo # DELA_C2_1115 - MP 0.18 - Begin Section

TRAIL NUMBER: T500
STATION: Detroit Lakes WMD
DATE: 07/12/2006



Photo # DELA_C2_1116 - MP 0.41 - Begin Section

PHOTOGRAPHIC SHEET

TRAIL NUMBER: T500
STATION: Detroit Lakes WMD
DATE: 07/12/2006



Photo # DELA_C2_1118 - MP 0.94 - Begin Section

TRAIL NUMBER: T501
STATION: Detroit Lakes WMD
DATE: 07/12/2006



Photo # DELA_C2_1113 - MP 0.00 - Trailhead

Glossary of Terms and Abbreviations

| | |
|--|---|
| Acc Info | Accessibility information available at trailhead. |
| Action | Action required to correct deficiency. |
| Admin Road | Administration Road. Admin Roads signed and advertised as trails are included in the trail inventory but a condition assessment is NOT done. |
| Alt SAMMS | SAMMS number of Alternate Facility Type. |
| Alt Type | Alternate Facility Type. Trail lies on a feature such as a levee, dam, administrative road or bridge, which has a separate SAMMS number. |
| AvgGrade | The average grade of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles. |
| AvgSlope | The average cross-slope of the trail (%). The average of five measurements for trails less than two miles and ten measurements for trails equal to or greater than 2 miles. |
| Check Dam | A small dam constructed across a drainage ditch, swale, or channel to lower the speed of concentrated flows. |
| Condition | Subjective rating of trail based on Facility Condition Index (FCI): FCI \leq .01 = Excellent FCI .02 - .05 = Good FCI .06 - .10 = Fair FCI .11 - .20 = Poor FCI $>$.20 = Failed |
| Crib Wall | Retaining wall. |
| Current Replacement Value (CRV) | The value of an asset determined by the estimated cost of replacing it. |
| Def type | Deficiency Type: Trail Structure, Drainage, Erosion, Obstacle, Trail Location, Other. |
| Deferred Maintenance (DM) | Maintenance that was not performed when scheduled. |

| | |
|---|---|
| Elem ID | Unique identifier for each trail section: Org Code-Trail Number-Section Number. |
| Facility Condition Index (FCI) | DM/CRV |
| Grouped Features | Grouped features include non-unique signs (mileposts, interpretive signs, species identification, etc.), water bars, check dams, steps, drain and drainage dips. For any given grouped feature, a GPS point and photo are taken for the first occurrence only and the total number of features in the group are entered into the “quantity” field of the data dictionary. |
| Info Type | Type of accessibility information available at trailhead: brochure, sign or other. |
| Item | Item on which the “Action” (see above) will be performed. |
| Manage_Use | Managed use of the trail: HIKE, BIKE, NSPC (non-specified), PACK, POR (portage), SNOWSHOE, XSKI (cross-country ski), OTHER. |
| MP | Distance of a trail feature or deficiency from the Trailhead. |
| Puncheon | Log footbridge used in area of poor drainage. |
| Raised Trail Structure | Boardwalk, Turnpike, Puncheon. |
| T Class | Trail Class: I-V (see Appendix ? for trail class descriptions). |
| Tr Desig | Trail Designation: Standard (Std), National Historic Trail (NHT), National Recreation Trail (NRT), National Scenic Trail (NST). |
| Turnpike | Trail tread elevated with dirt, rock or other aggregate from parallel side ditches and held in place by logs. |